

Aonde você quer chegar?

Vai com a



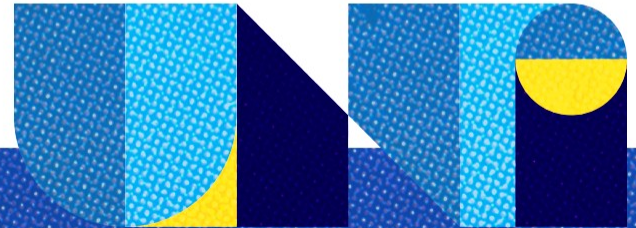
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EDUCAÇÃO PRESENCIAL E A DISTÂNCIA

Biologia e Bioquímica Humana

Prof Dr Rodrigo Vargas

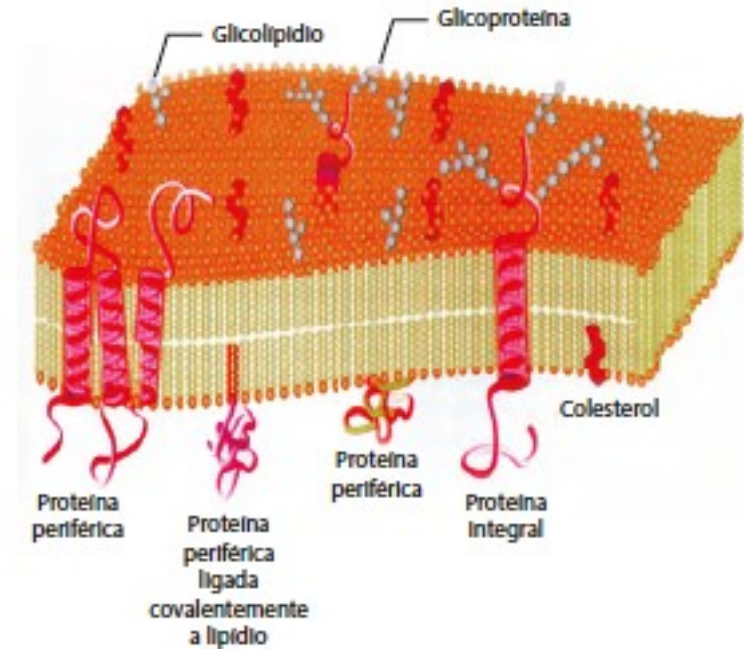
@prof.rodrigovargas



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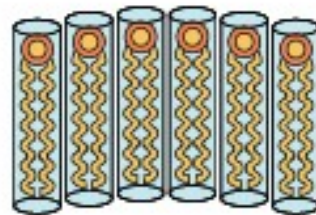
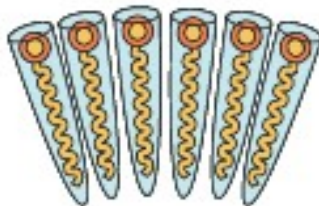
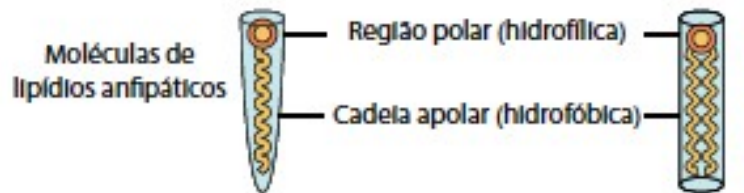
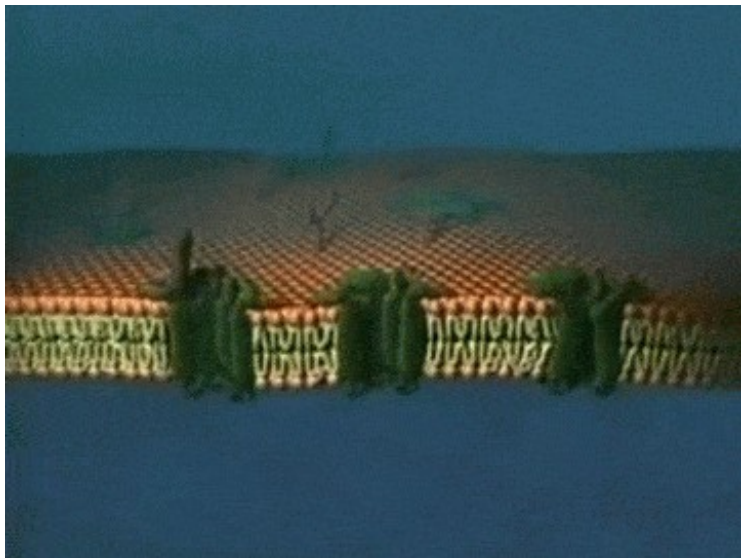
Membrana plasmática

- Compartimentalização celular;
- Transporte de substâncias;
- Reconhecimento e processamento de informações;
- Suporte para atividades bioquímicas;
- Integração entre células e substratos.

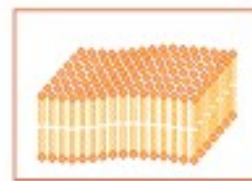


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Lipídios de membrana



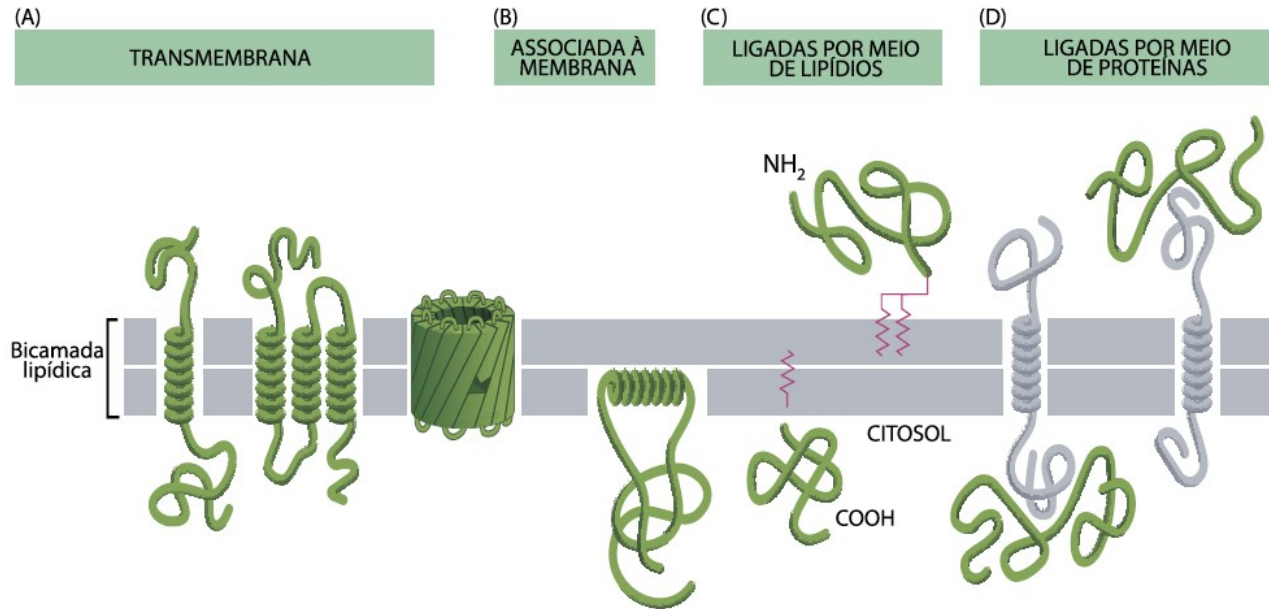
Micela
(a)



bicamada
(b)

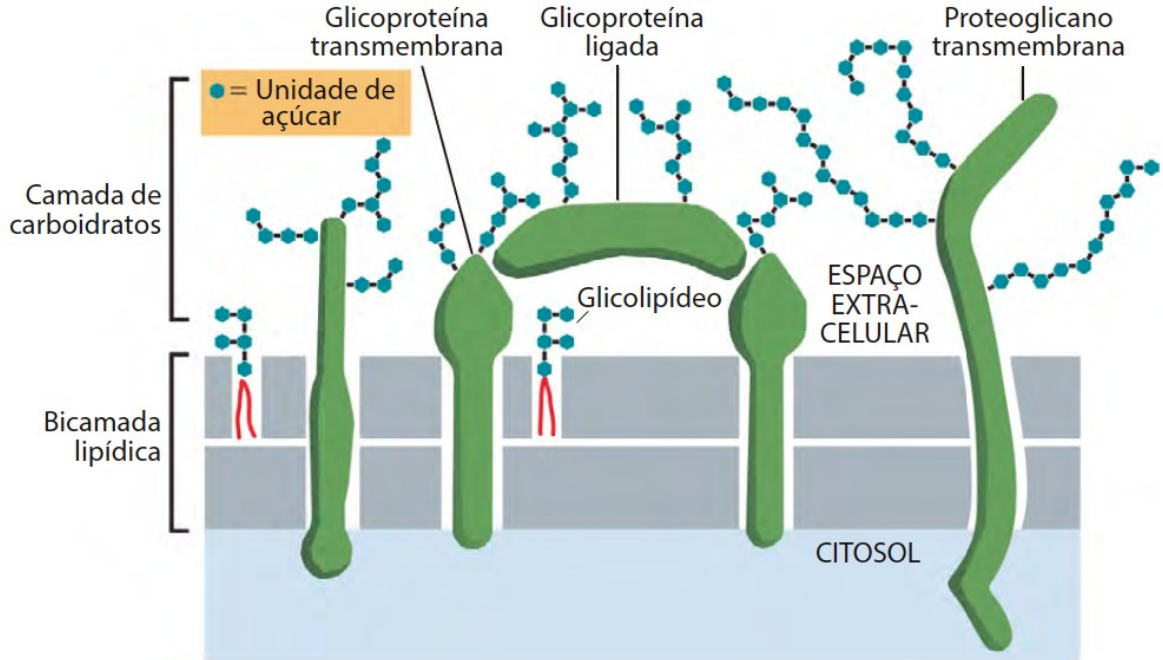
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Proteínas de membrana



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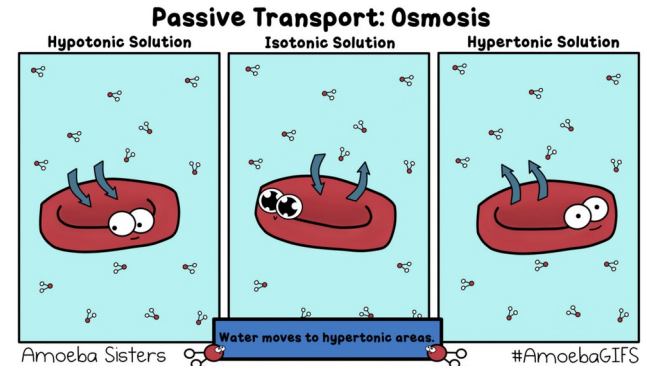
Açúcares de membrana



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Tipos de transporte

- Osmose



NaCl 1,5%



NaCl 0,9%



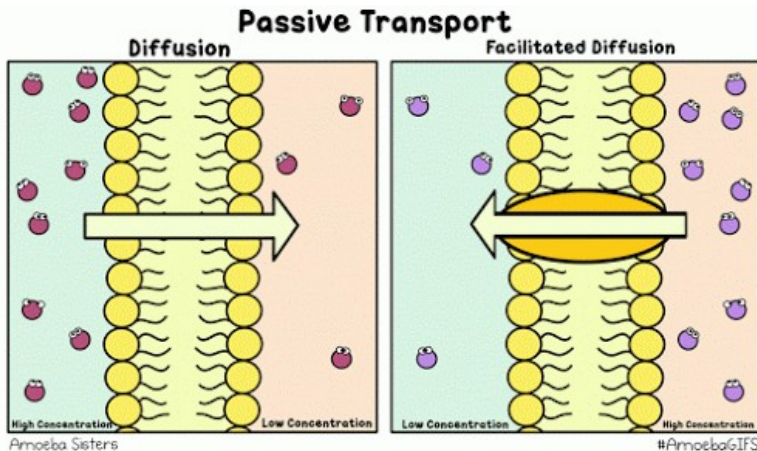
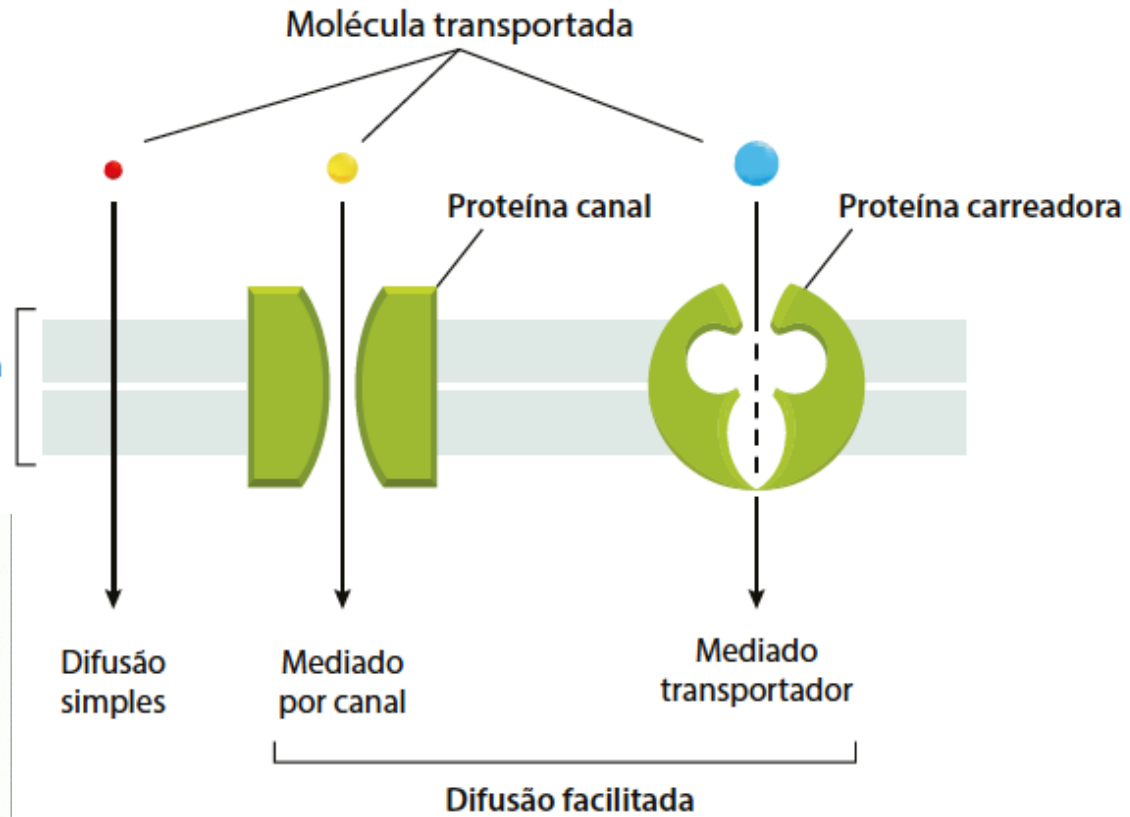
NaCl 0,6%



NaCl 0,4%

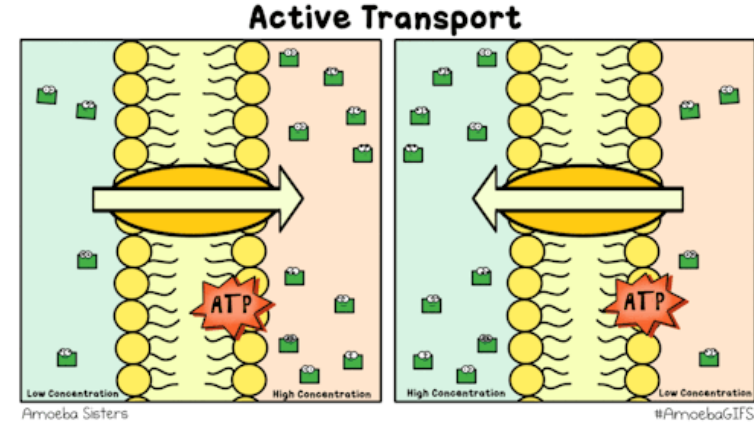
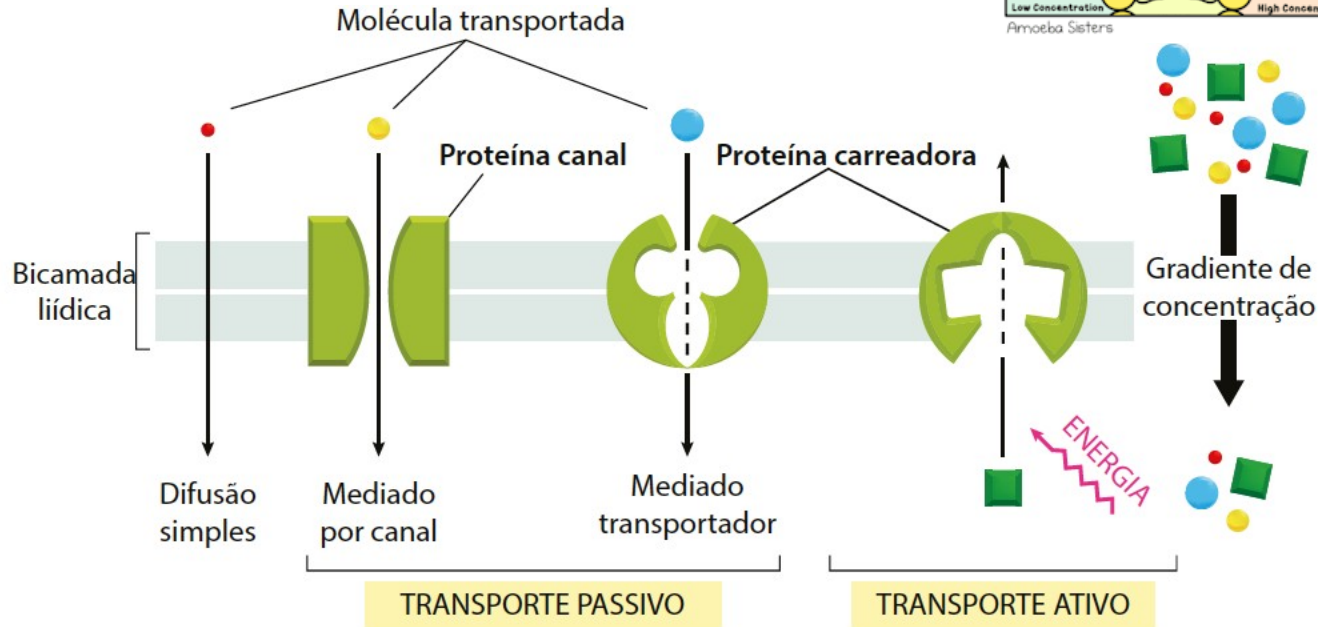
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Difusão



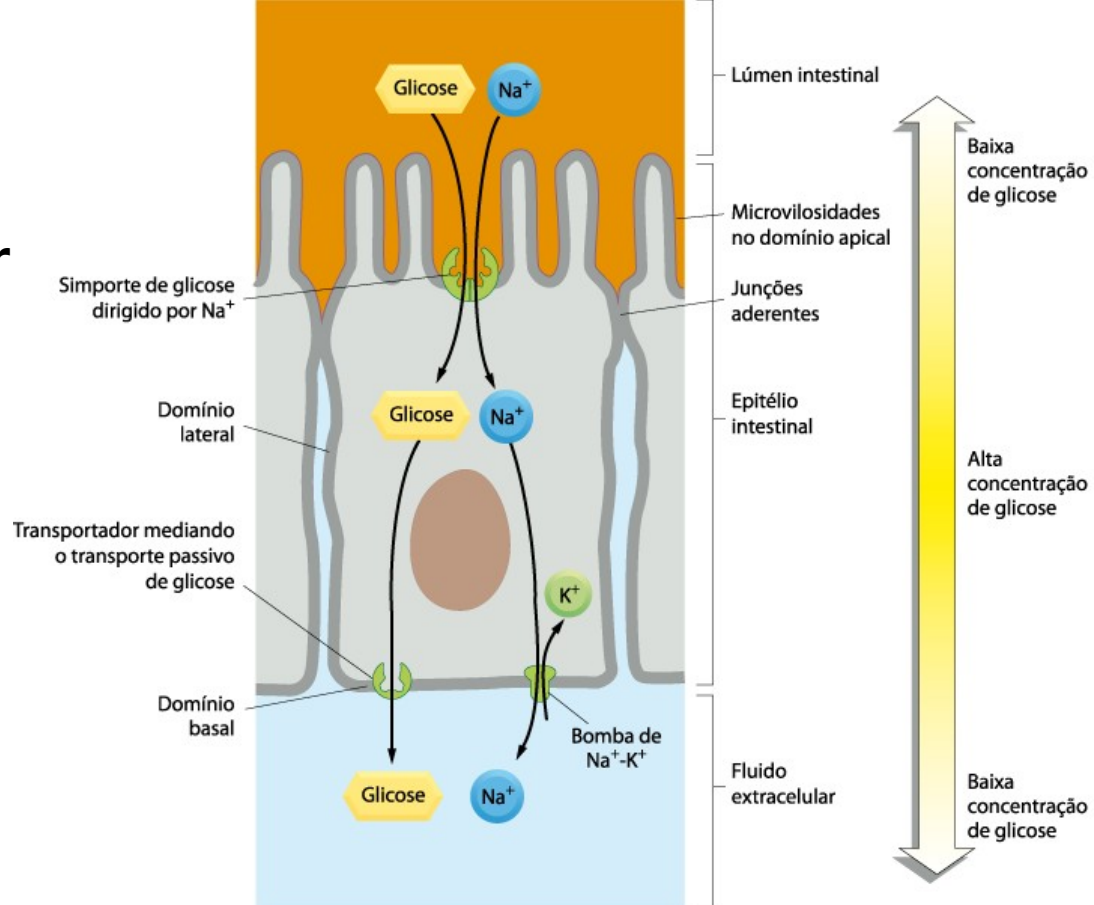
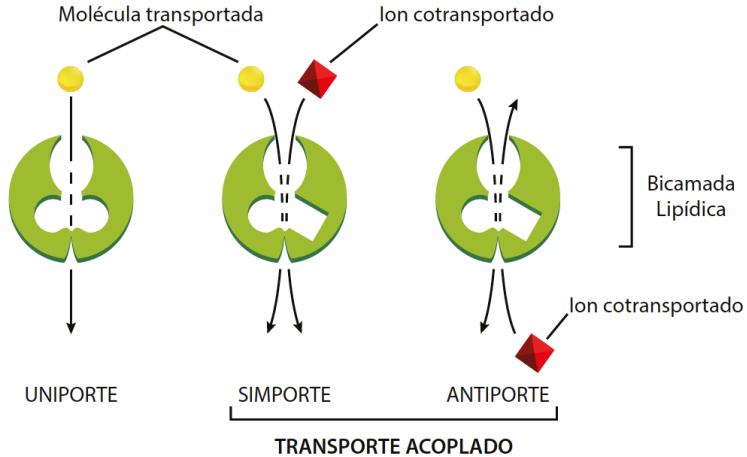
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Transporte ativo primário



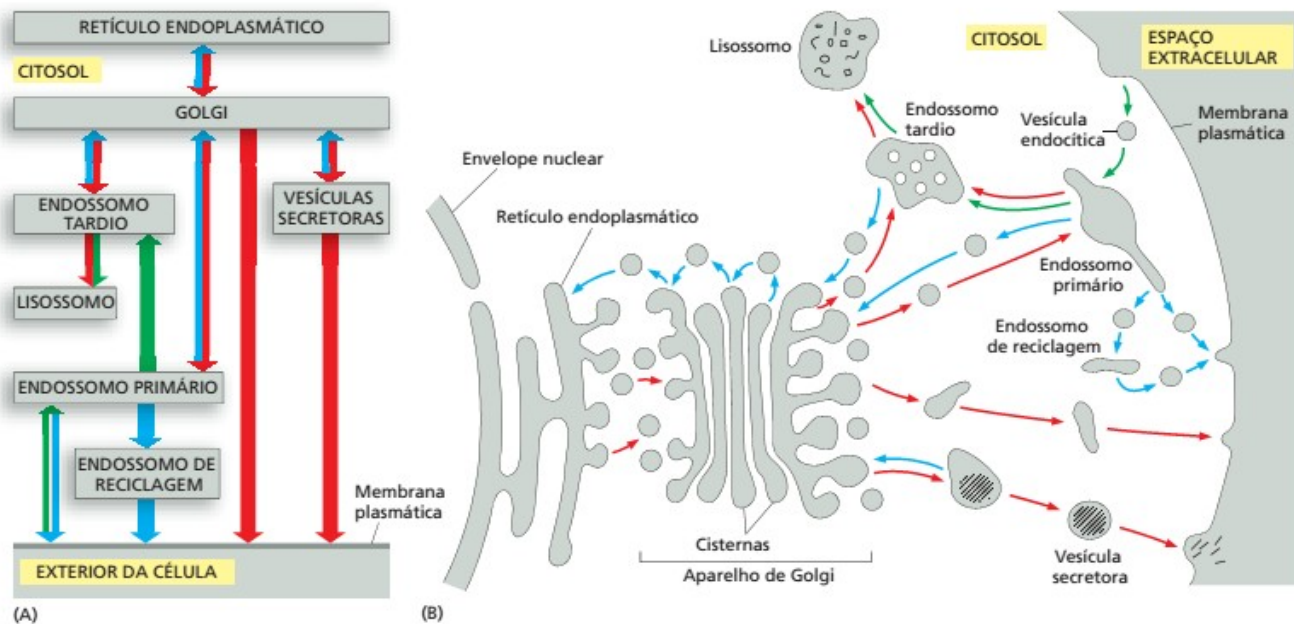
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Transporte ativo secundário

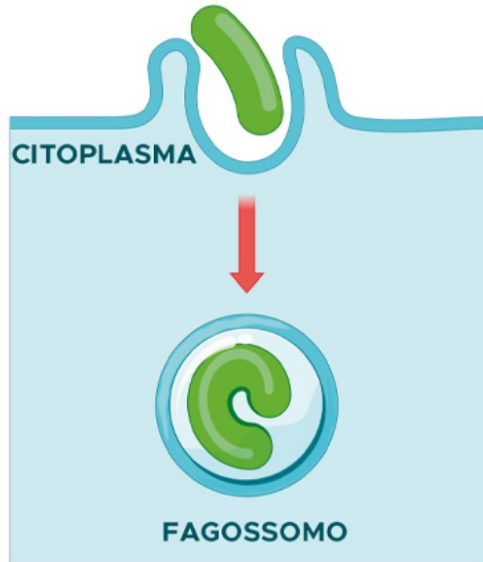


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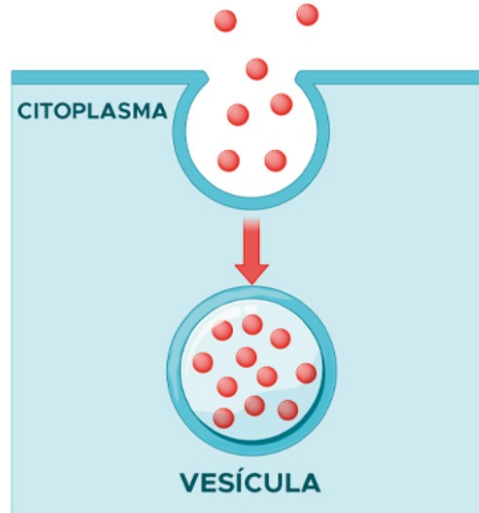
Transporte intracelular



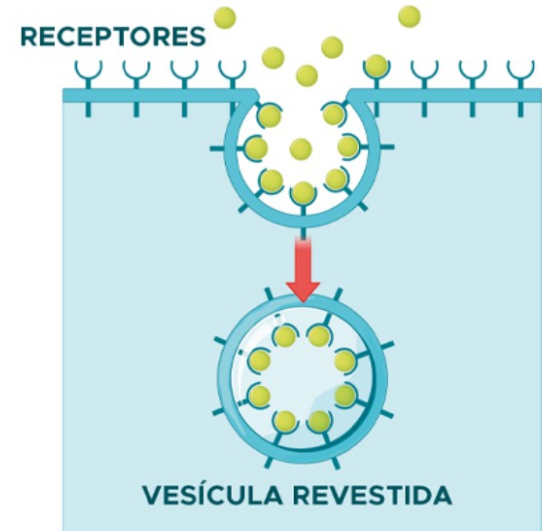
Captação de substratos



**FAGOCITOSE
(SÓLIDO)**



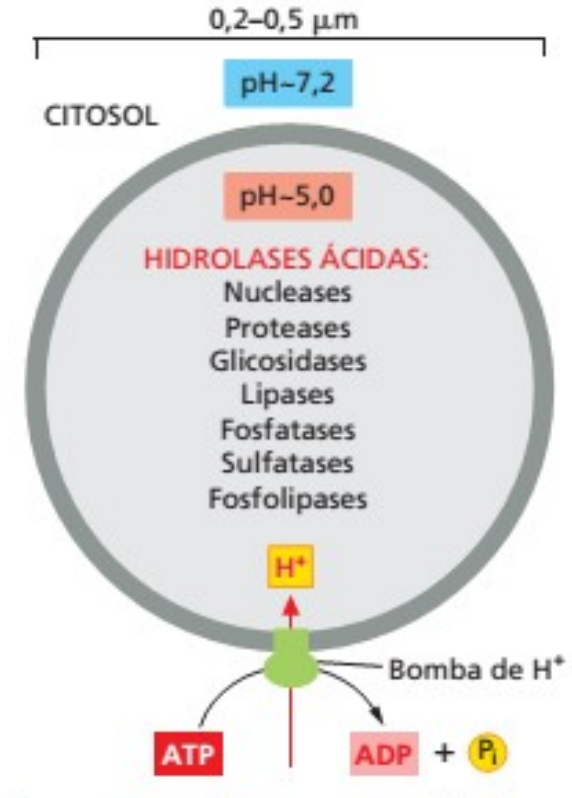
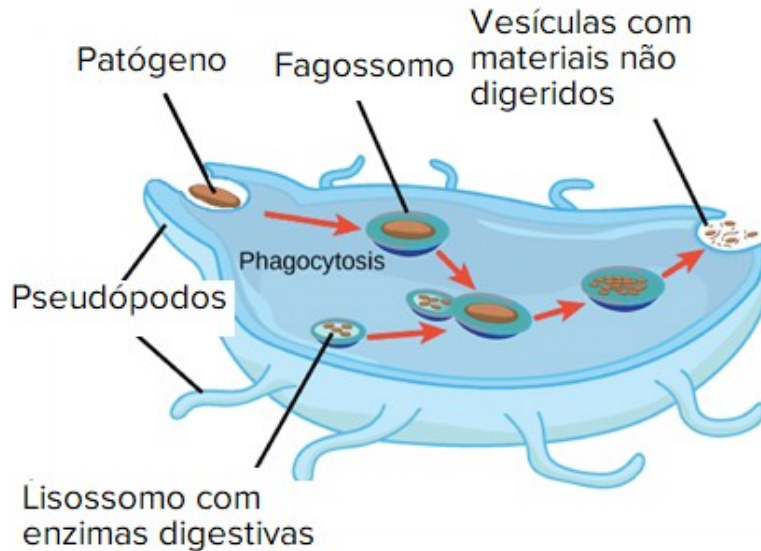
**PINOCITOSE
(LÍQUIDO)**



**MEDIADA POR RECEPTOR
(ENDOCITOSE)**

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Digestão lisossomal



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Transportes através da membrana

<https://www.youtube.com/watch?v=-CaPKp-B8jQ>



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